

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

A2
5/29/80

1104
153889

HQ-10

SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: Bob Conreaux
Jim Johnson
Darrell Maisel

FROM: Roy Brown

SUBJECT: Cleaning of Pond During Week of June 2

DATE: May 29, 1980

To confirm our various commitments, we are going to clean the pond June 2, 3 and 4.

D. Maisel will arrange to have the plug removed from the sewer line running east from the lift station to Dead Creek. The pumps that normally lift from this station to Cerro West are to be turned off and locked out by midnight Sunday night.

D. Maisel will arrange to have 100' of 2" fire hose available at the pond Monday morning June 2.

D. Maisel will have someone turn on the pump in pond to divert flow into sewer at midnight Sunday night so that much of the water can be removed prior to Monday morning.

Bob Conreaux will supply 3 men Monday, Tuesday & Wednesday, June 2, 3, and 4, to man fire hose and scrappers, etc.

Able Company has been alerted in case we have to hydrojet sewer line to take flow.

Roy

RWB/jpl

C03579



CERRO COPPER PRODUCTS CO.

A Member of The Marmon Group

P.O. Box 681
East St. Louis, Illinois 62202
618/337-6000

1104

March 27, 1980

Sauget Sanitary Development
and Research Assoc.
2897 Monsanto Avenue
Sauget, Illinois 62206

Attn: Mr. C. J. Marciante

Dear Mr. Marciante:

I am responding to your letter of March 10, 1980,
addressed to Mr. Paul Tandler of this company. Upon
investigation we find you are correct in your assump-
tions that Meter Number 50827367 is for Cerro East
Lift Station.

Per course of action outlined in your letter, we agree
with your proposed action to have this meter trans-
ferred to Cerro. We are proceeding with the necessary
action to repair and replace the meter socket.

Yours very truly,

CERRO COPPER PRODUCTS CO.
A Member of The Marmon Group

Roy W. Brown
Roy W. Brown
Facilities Engineer

RWB/jpl

cc: Mr. M. V. Meyers
Union Electric Co.
500 E. Broadway
E. St. Louis, Illinois 62202

bcc: ✓ Paul Tandler, Cerro
Jim Johnson, Cerro

C03580

CERRO COPPER PRODUCTS CO.

A Member of THE MARMON GROUP

INTERNAL MEMORANDUM

HQ-10

SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

OTHER ADDRESSEES - FOR INFORMATION

CC: J. Johnson
P. Tandler
File 1104

TO: Roy Brown

DATE: March 18, 1980

FROM: John Schuster

SUBJECT: Miscellaneous Sample Analysis

The three samples submitted to the Laboratory were analyzed and the results are listed below. All results are expressed in percent.

<u>Sample</u>	<u>H₂O</u>	<u>Cu</u>	<u>Fe</u>	<u>Pb</u>	<u>Ni</u>	<u>Ag</u>	<u>Zn</u>
Cyclone Separator							
70% Fines	21.7	61.72	1.35	0.63	0.35	.002	0.15
30% Metals	-	98.62	0.23	0.14	0.07	0.02	0.50
Filter Sludge	47.86	12.50	16.50	0.20	1.65	.001	0.50
Scale	22.41	80.24	0.50	0.48	.143	.001	1.39

John Schuster
Laboratory Director

JS/rs

As we continue to recycle this water the % of Iron will decrease, due to the large quantities of iron in the well water this will of course increase the % of other metals

LWB

C03581

THESE SAMPLES WERE TAKEN FROM THE CATCH BASIN IN THE PIT CONTAINING THE ANODE CASTING WHEEL, OVER 2 STRAIGHT DAYS OF PRODUCTION & SHOULD BE A GOOD SAMPLE FOR FUTURE RECOVERY, EXCEPT FOR THE IRON AS NOTED ABOVE.

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

OTHER ADDRESSEES - FOR INFORMATION

R. Brown
D. Cornell
L. Erwin
C. Hummel
J. Johnson
D. Maisel
J. Schuster
✓ P. Tandler
File

1104
2/12/80

TO: R. E. Conreaux

DATE: February 12, 1980

FROM: J. L. Sundstrom

SUBJECT: NEUTRALIZATION OF COOLING WATER FOR BILLET CASTING

Sulfuric acid has been added to the billet casting cooling water in an attempt to reduce basicity. It was hoped that reducing the basicity of this water would prevent or at least reduce scale formation on the mold liners. The pH of the water was checked after each acid addition to evaluate effect. Small additions of about one liter were tried first. The effect of these additions was negligible as the pH both before and after ran about 8.2. On January 29 a larger addition of 7 gallons was made over a half hour period. This addition lowered the pH of the water to 7.6, which is still basic. Three hours later the pH had risen to 8.0. No noticeable change in the scale buildup was observed on liners removed after the period during which acid was added.

There appears to be something in the system such as a large buildup of carbonate or similar scale which reacts with the acid and until this material is gone, the acid will have little long range effect on the pH. To be effective we will need to add acid continuously in small quantities for a long period of time. At least several gallons of concentrated acid per day could be pumped into the cooling water system while the casting pumps are on if the existing reagent metering pump is used. Minimum safety requirements would include at least having a safety shower in the area.

You have indicated a reluctance to have me conduct this work since it probably should fall under utilities management, and have instructed that this memo be prepared and distributed to solicit comments.

JLS/bg

John L. Sundstrom

C03582